

INTERNATIONAL SEARCH REPORT

Inter al Application No
PC I / 1 i 2005 / 000076

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 A61B17/80 A61B17/08

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A61B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X A	US 2003/083694 A1 (MILLER ARCHIBALD S) 1 May 2003 (2003-05-01) abstract; figures paragraph '0003! paragraph '0032! - paragraph '0050! claims 8,9	1-3 4-8
X A	US 6 540 769 B1 (MILLER, III ARCHIBALD S) 1 April 2003 (2003-04-01) abstract; figures column 2, lines 34-39 column 3, lines 22-25 column 4, line 8 - column 6, line 67 ----- -/--	1,2 3-8

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

25 July 2005

Date of mailing of the international search report

03/08/2005

Name and mailing address of the ISA

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Inter-
national Application No
PCT/IT2005/000076

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 02/067795 A (SYNTHESES ; SYNTHESES AG CHUR) 6 September 2002 (2002-09-06) abstract; figures 15-18	1
A	figures page 2, line 20 - page 3, line 13 page 4, line 20 - page 10, line 18 -----	2-8
A	US 4 583 541 A (BARRY ET AL) 22 April 1986 (1986-04-22) cited in the application abstract; figures -----	1-8
A	RU 2 199 288 C1 (NOVOKUZNETSKIY GOSUDARSTVENNIY INSTITUT USOVERSHEN) 27 February 2003 (2003-02-27) abstract; figures -----	

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/IT2005/000076

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2003083694 A1	01-05-2003	US 6540769 B1 WO 03037201 A1 US 2004133206 A1	01-04-2003 08-05-2003 08-07-2004
US 6540769 B1	01-04-2003	WO 03037201 A1 US 2003083694 A1 US 2004133206 A1	08-05-2003 01-05-2003 08-07-2004
WO 02067795 A	06-09-2002	BR 0207532 A CA 2439094 A1 EP 1365693 A1 JP 2004523300 T MX PA03007507 A NO 20033733 A WO 02067795 A1 US 2005124996 A1 US 2002143336 A1	09-03-2004 06-09-2002 03-12-2003 05-08-2004 30-07-2004 22-10-2003 06-09-2002 09-06-2005 03-10-2002
US 4583541 A	22-04-1986	NONE	
RU 2199288 C1	27-02-2003	NONE	

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
25 August 2005 (25.08.2005)

PCT

(10) International Publication Number
WO 2005/077289 A3

(51) International Patent Classification⁷: **A61B 17/80**,
17/08

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(21) International Application Number:
PCT/IT2005/000076

(22) International Filing Date: 15 February 2005 (15.02.2005)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
RM2004A000082 16 February 2004 (16.02.2004) IT

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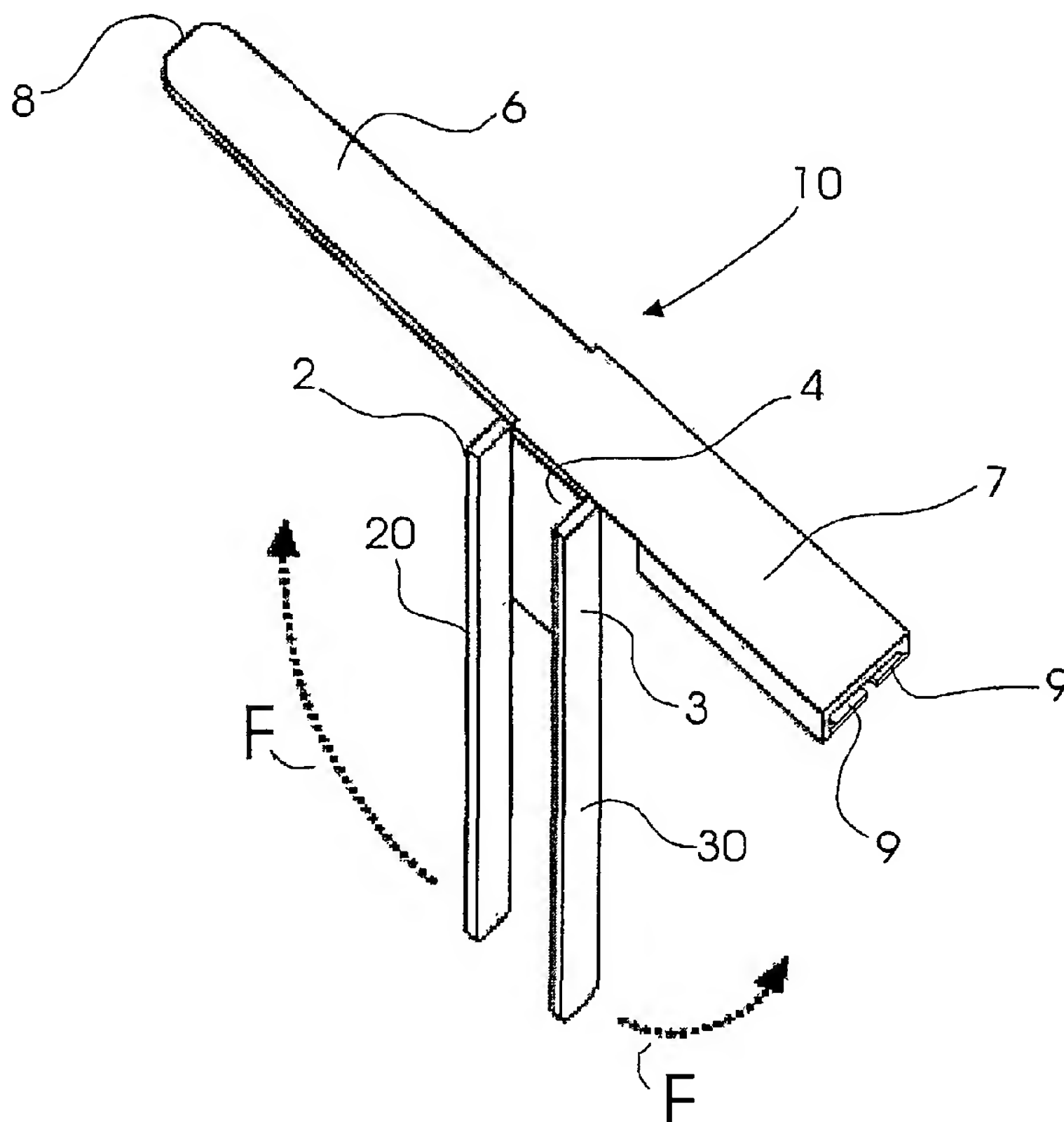
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(81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
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TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA,
ZM, ZW.

(84) Designated States (unless otherwise indicated, for every
kind of regional protection available): ARIPO (BW, GH,
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,
FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO,

[Continued on next page]

(54) Title: STERNUM REINFORCING DEVICE TO BE USED AFTER A STERNOTOMY OR A STERNAL FRACTURE



(57) Abstract: A sternum reinforcing device to be used after a sternotomy or a sternal fracture, made of a biocompatible material, comprises an elongated modular member (10) with a pair of legs (20, 30), that are joined each other by a body portion (4), and a pair of arms (6, 7). The legs (20, 30) can be fitted in an intercostal space of the thorax of a patient, laterally to the sternum, and can be bent in a mutually opposite direction, on the internal side of the thorax, after being fitted therein. The arms (6, 7), extending from one side to the other of the body portion (4) and orthogonally to the pair of legs (20, 30), constitute a male part and a female part, respectively, of a prismatic type coupling for consecutive modular members.



SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

— *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*

Declaration under Rule 4.17:

— *of inventorship (Rule 4.17(iv)) for US only*

(88) Date of publication of the international search report:

22 September 2005

Published:

— *with international search report*

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